

STORAGE SYSTEM FOR INK STAMPS

BACKGROUND INFORMATION

FIELD OF THE INVENTION

[0001] The invention relates to a system for organizing and storing ink stamps. More particularly, the invention relates to a rack for holding various types of ink stamps.

DESCRIPTION OF THE PRIOR ART

[0002] The ink stamp is used quite commonly to imprint a message or signature on a document or an object. A business will often require the use of any number of ink stamps in the normal course of business. Some people may routinely use upwards of 20 ink stamps. With more than just a few such stamps, it becomes difficult to organize the stamps so that they are readily identifiable and accessible for use. The difficulty is compounded by the fact that ink stamps come in a variety of sizes, shapes, and types. Some stamps have a stamp base and a handle with a knob on the end of the handle to facilitate storage of the stamp in a conventional stamp rack designed to support the knob. There are stamps that ink themselves such as self-inking stamps, pre-inked stamps and flash or instant stamps. Self-inking stamps are typically enclosed in a rectangular housing and cannot be stored on the conventional stamp rack. Where necessary to differentiate between two types of stamps, a stamp with a handle will be referred to as a "handle" stamp and all types of stamps that ink themselves will be referred to as a "self-inking" stamp. What happens generally is that the handle stamps are stored on a rack and the self-inking stamps in a box or simply on the top of the desk. Thus, the stamps are not organized in a rational manner according to subject matter or sequence of usage, but rather, by size or type, i.e., handle stamps are stored

separately, although both types of stamps may be used within a particular work process.

[0003] Bertoni et al. (U.S. Patent 6,510,951; 2003) discloses a tree-like holder for self-inking stamps. The holder has branches that extend outward from which self-inking stamps are hung. Each branch has a “main” branch and an “auxiliary” branch, and a self-inking stamp is secured to the holder by sliding it between a “main” branch and the corresponding auxiliary branch. The disadvantage of this type of rack is that it holds only self-inking types of stamps. The organizational problem of keeping stamps together that are used within a particular work process is not solved by having separate storage systems for the different types of ink stamps. Furthermore, quick removal of a stamp is difficult if it is located in the middle of a “branch,” because other stamps must be removed in order to reach it. While retrieving one stamp, other stamps can also become accidentally dislodged from the holder. Additionally, it is not easy to recognize each stamp because the holder may hide the labels.

[0004] It is desirable to store self-inking stamps magnetically. **Wright (U.S. Patent 4,626,218; 1986)** discloses an architect’s furniture design aid that includes a kit having a foldable surface that serves to represent the wall surface of a room, and miniature, modular blocks that represent furniture items. The walls have a metallic, magnetically attractive coating and each miniature block that has a rubber stamp on at least one face that depicts the particular piece of furniture or appliance it represents. The block has a magnet attached to it and is magnetically held in place on one of the walls when the architect is planning the room. A disadvantage of the kit is that it, being an architect’s model, is constructed to map out a certain room space and simply provides three walls. Thus, it does not provide an aid for organizing stamps, nor does it provide an space-efficient means for storing ink stamps, as it is constructed to take up a lot of desk or shelf space. Also, because of the way the stamps are mounted on the wall surfaces, it would be clumsy for users to quickly retrieve a particular stamp.

[0005] What is needed, therefore, is a system of organizing and storing ink stamps. What is further needed is such a system that enables self-inking and "handle" stamps to be stored together. What is yet further needed is such a system that provides direct and quick access to each individual stamp stored within the system.

BRIEF SUMMARY OF THE INVENTION

[0006] For the reasons cited above, it is an object of the present invention to provide a system of organizing and storing ink stamps. It is a further object to provide such a system that enables self-inking and handle stamps to be stored together. It is a yet further object to provide such a system which enables direct and quick access to each individual stamp.

[0007] The objects of the invention are achieved by providing a storage rack that holds magnetically equipped ink stamps. The rack has a number of storage panels, each of which has a metallic sheet or strip of material that is magnetically attractable. Each stamp to be stored in the storage system has a magnet mounted on the surface. When storing the ink stamp, it is simply placed on the metallic strip of one of the storage panels, where it is magnetically held in place. Some stamps incorporate magnets in their operation, e.g., magnets are used to hold the letters, numbers, symbols, etc. to the stamp face. These stamps may also be stored in the storage system according to the invention.

[0008] The invention includes several embodiments of the storage rack system. Each embodiment allows for the storage of various sizes, shapes and/or types of stamp, such as handle stamps or self-inking stamps. One embodiment of the storage rack has a rotatable base and a number of storage panels that extend vertically about the base. The ink stamps may be stored on the various panels according to use or size. In

another embodiment, the storage rack is a wall-mountable rack that has a number of storage panels arranged on it, side by side. Yet another embodiment of the storage rack system comprises wall-mountable storage panels that may be mounted on various types of wall surfaces such as drywall and fabric cubicle surfaces.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] FIG. 1 is an elevational view of a first embodiment of the ink stamp storage system according to the invention.

[0010] FIG. 2 is a top view of the ink stamp storage system of FIG. 1.

[0011] FIG. 3A is an illustration of a magnetically equipped self-inking stamp.

[0012] FIG. 3B is an illustration of a magnetically equipped handle stamp

[0013] FIG. 4 is an elevational view of a third embodiment of the ink stamp storage system according to the invention.

DETAILED DESCRIPTION OF THE INVENTION

[0014] FIGS. 1 and 2 illustrate a first embodiment of an ink stamp storage system **100** according to the invention. FIG. 1 is an elevational view showing a storage rack **110** and an ink stamp **120**. The storage rack **110** comprises a base **105**, a stem **108**, and a plurality of storage panels **102** that extend radially outward from the stem **108**. A metallic strip **106** of ferrous metal is affixed to each storage panel **102**. In the embodiment shown in FIGS. 1 and 2, the storage panel **102** is fixedly attached to the stem **108** by an arm **111**. The stem **108** is rotatably connected to the base **105**. Many means of rotation are known, such as a "lazy susan" or simply a combination of an outer

cylinder rotating about a fixed rod or shaft. Any suitable means of rotation is included within the scope of the invention. A magnetically equipped stamp **120** is held by the magnetic force on the metallic strip **106**. Both self-inking stamps **121A** and handle stamps **121B** may be stored with the storage system **100** according to the invention. Rotating the stem **108**, indicated by direction of rotation arrow **R**, provides better access to the magnetically equipped stamps **120**.

[0015] FIGS. 3A and 3B illustrates different types of the ink stamp **120** according to the invention. In FIG. 3A, the ink stamp **120** is a self-inking stamp **121A**; in FIG. 3B it is a non-self-inking or handle stamp **121B**. The ink stamp **120** has a mounting face **122** that includes a magnet **124**, preferably a high strength magnet. The magnet **124** may be incorporated into the housing when the ink stamp **120** is manufactured or may be applied to existing ink stamps by means of a conventional high-strength adhesive.

[0016] FIG. 4 is an elevational view of a second embodiment of an ink stamp storage system **300** according to the invention. In the basic embodiment, a wall-mountable strip panel **301** comprises a metallic strip **106**. The metallic strip **106** may be mounted on a suitable substrate **304**, such as a wood or a plastic panel for decorative purposes. The wall-mountable strip panel **301** is mounted on a wall surface **302** using wall fasteners **303/303A**. The wall surface **302** may be a conventional wall or a fabric surface of a conventional office cubicle wall. It should be understood that any type of suitable wall fastener **303** is included within the scope of the invention. For example, a strip having the hook portion of a conventional hook-and-loop type fastener, such as VELCRO®, is particularly effective and suitable for use on fabric cubicle walls. Dry wall screws, anchors, or adhesive may be used to fasten the panels to the conventional wall. In the embodiment shown, **303** is a piece of VELCRO® adhesively attached to the back of the wall-mountable strip panel **301** and **303A** is a recessed area for suspending the wall-mountable strip panel **301** on the wall **302** from screws. The wall-mountable strip panels **301** are particularly useful for mounting the ink stamp storage system **300** in convenient

locations at a workstation and, depending on the particular needs, provide greater versatility as multiple strip panels **301** may be mounted in various configurations on the wall surface **302**.

[0017] It is understood that the embodiments described herein are merely illustrative of the present invention. One skilled in the art may contemplate variations in the construction of the invention without limiting the intended scope of the invention herein disclosed and as defined by the following claims.